

Title (en)
VIDEO DENOISING METHOD, DEVICE, TERMINAL, AND STORAGE MEDIUM

Title (de)
VERFAHREN ZUM ENTRAUSCHEN VON VIDEOS, VORRICHTUNG, ENDGERÄT UND SPEICHERMEDIUM

Title (fr)
PROCÉDÉ DE DÉBRUITAGE DE VIDÉO, DISPOSITIF, TERMINAL ET SUPPORT D'INFORMATIONS

Publication
EP 3993396 A4 20220831 (EN)

Application
EP 20898101 A 20200610

Priority
• CN 201911288617 A 20191212
• CN 2020095359 W 20200610

Abstract (en)
[origin: EP3993396A1] The present invention relates to the technical field of video transcoding. Provided in embodiments of the present invention are a method and device for determining a video bitrate, a computer apparatus, and a storage medium. The method comprises: selecting, at intervals, target video frames from respective video frames of a video to be transcoded; determining a predicted video bitrate of the video according to bitrate feature information of the target video frames; acquiring a first relative relation between the predicted video bitrate and an actual video bitrate of the video; and determining a target video bitrate of the video according to the first relative relation and bitrate requirement information of a target service platform, wherein the target service platform is a service platform on which the transcoded video will be processed.

IPC 8 full level
G06T 5/50 (2006.01); **G06T 5/00** (2006.01); **G06T 7/254** (2017.01); **G06T 7/277** (2017.01); **H04N 5/268** (2006.01); **H04N 7/15** (2006.01); **H04N 9/64** (2006.01); **H04N 9/71** (2006.01)

CPC (source: CN EP US)
G06T 5/20 (2013.01 - US); **G06T 5/50** (2013.01 - EP US); **G06T 5/70** (2024.01 - EP US); **G06T 7/254** (2016.12 - EP); **G06T 7/277** (2016.12 - EP); **H04N 5/268** (2013.01 - CN); **H04N 7/15** (2013.01 - CN); **H04N 9/646** (2013.01 - CN); **H04N 9/71** (2013.01 - CN); **G06T 2207/10016** (2013.01 - EP US); **G06T 2207/20028** (2013.01 - EP); **G06T 2207/20182** (2013.01 - EP); **G06T 2207/20221** (2013.01 - EP US); **H04N 5/21** (2013.01 - EP); **H04N 9/646** (2013.01 - EP)

Citation (search report)
• [Y] ZUO CHENGLIN ET AL: "Video Denoising Based on a Spatiotemporal Kalman-Bilateral Mixture Model", THE SCIENTIFIC WORLD JOURNAL, vol. 2013, 1 January 2013 (2013-01-01), pages 1 - 10, XP055942953, Retrieved from the Internet <URL:http://downloads.hindawi.com/journals/tswj/2013/438147.pdf> DOI: 10.1155/2013/438147
• [Y] PFLEGER SERGIO G ET AL: "Real-time video denoising on multicores and GPUs with Kalman-based and Bilateral filters fusion", JOURNAL OF REAL-TIME IMAGE PROCESSING, SPRINGER, DE, vol. 16, no. 5, 8 February 2017 (2017-02-08), pages 1629 - 1642, XP036903680, ISSN: 1861-8200, [retrieved on 20170208], DOI: 10.1007/S11554-016-0659-Y
• [A] ANONYMOUS: "5/25/2010 1 Image Filtering", 25 May 2010 (2010-05-25), XP055422823, Retrieved from the Internet <URL:https://www.cs.auckland.ac.nz/courses/compsci373s1c/PatricsLectures/Image_Filtering_2up.pdf> [retrieved on 20171108]
• See references of WO 2021114592A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3993396 A1 20220504; **EP 3993396 A4 20220831**; CN 110933334 A 20200327; CN 110933334 B 20210803; US 2022130023 A1 20220428; WO 2021114592 A1 20210617

DOCDB simple family (application)
EP 20898101 A 20200610; CN 201911288617 A 20191212; CN 2020095359 W 20200610; US 202217572604 A 20220110